

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

38-084-24

CYNTHIANA QUADRANGLE

184 KENTUCKY

N3815-W8415/15

DIAGRAM NJ 16-6

LOUISVILLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bourbon, Harrison, and
Scott Counties

Final adjustment of 1973

Edition of 5/3/74

PR: DW/mid

FALMOUTH
(198)

SADIEVILLE
(185)

CARLISLE
(183)

LEXINGTON
(167) 38°15'

84°15'

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 380842

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ISOLATED BENCH MARKS (By F. Larner, 1927; Book B 2527; R. G. Clinite, 1928; Book B 2891)	<u>Feet</u>
Paris, 7.0 mi NW. of; 2.5 mi NE. of Clays Crossroads School; 40 ft W. of crossroads; 40 ft E. of house; in concrete post; standard tablet stamped "TT STA NO 13 T 1927"	872.593
Connersville High School, on S. side of entrance to school; in E. end of concrete coping; standard tablet stamped "TT STA NO 22 M 1928"	820.725
Reference mark; 350 ft N. of tablet; on W. side of forks of rd.; on S. end of bottom stone step to old store; chiseled square	834.26
Cynthiana, 3.2 mi SW. of; along Cynthiana-Connersville hwy.; 0.3 ft W. of Grays Run bridge; 5 ft N. and 40 ft W. of crossroads; 2 ft N. of fence; in concrete post; standard tablet stamped "TT STA NO 21 M 1928"	766.336
Reference mark, 30 ft S. and 45 ft E. of tablet; on concrete base of corner fence post; chiseled square	766.42
Shawhan, 77 ft W. of depot; 26 ft W. of W. rail of southbound track of Louisville & Nashville Railroad; in line with; and 5 ft E. of corner of wire fence W.; in concrete post; standard tablet stamped "TT STA NO 17 M 1928" (Tied by NGS, 1935)	814.565
Reference mark, 520 ft S. of tablet; on NE. corner of concrete base of semaphore No. 731; chiseled square	813.92
Kiserton, 280 ft NW. of; 75 ft W. of W. rail of southbound track of L. & N. RR.; on N. side of right-angle bend in hwy.; in line with; and 5 ft SE. of corner of fence W.; in concrete post; standard tablet stamped "TT STA NO 16 M 1928" (Reported destroyed, 1952)	799.217
Cynthiana, 3.5 mi NE. of, along Cynthiana-Oddville hwy.; 7 ft S. and 40 ft W. of private rd. W. to farm of W. R. Cooper; 5 ft S. of corner fence post; in concrete post; standard tablet stamped "TT STA NO 24 M 1928 782" (Reported not found, 1950)	781.652
Reference mark, 65 ft N. and 10 ft E. of tablet; on concrete headwall chiseled cross	777.40
Reference mark, 8 ft S. and 160 ft W. of tablet; on SW. corner of bottom concrete step of walk to school; chiseled square	666.27
<u>LINE 1.</u>	
By G. M. Nichols, 1952; Book AV 328	
U.E., Cynthiana, 6.6 mi N. of, along U. S. Highway 27; on E. L-shaped concrete culvert headwall; chiseled square	798.52

LINE 1 (Cont'd.)Feet

Cynthiana, 6.4 mi N. of, along Highway 27; 26 ft W. of centerline of hwy.; 36 ft SW. of junction of rd. N.; 2 ft lower than intersection; in S. end of W. concrete culvert headwall; standard tablet stamped "13 CMN 1952 866"	866.342
Reference mark; 110 ft N. of tablet; on hwy. spillway on W. side of hwy.; chiseled square	863.68
U.E., Cynthiana, 5.0 mi N. of, along U. S. Highway 27; on S. end of W. L-shaped concrete culvert headwall; chiseled square	821.05
Cynthiana, 4.2 mi N. of, along U. S. Highway 27; 25 ft S. of crossroads; in NW. corner abutment of concrete bridge crossing Two Lick Creek; standard tablet stamped "14 CMN 1952 721"	720.779
Reference mark; 50 ft SE. of tablet; on SE. corner abutment; chiseled square	720.76
U.E., Cynthiana, 3.1 mi N. of, along U. S. Highway 27; at bridge crossing Sycamore Creek; on N. end of W. concrete abutment; chiseled square	709.84
Cynthiana, 2.3 mi N. of, along U. S. Highway 27; 20 ft S. of rd. W.; 37 ft W. of hwy.; 42 ft SW. of junction; in concrete post; standard tablet stamped "15 CMN 1952 795"	794.625
Reference mark; 75 ft N. of tablet; on W. side of hwy. spillway; chiseled square	795.12
U.E., Cynthiana, 1.3 mi N. of, along U. S. Highway 27; at bridge crossing Indian Creek; in N. end of W. concrete abutment; chiseled square	705.31
Cynthiana, 0.6 mi N. of, along U. S. Highway 27; 700 ft S. of junction of rd. N.; in NE. end of E. concrete abutment of concrete bridge crossing L. & N. RR.; standard tablet stamped "16 CMN 1952 742"	742.261
Reference mark, 40 ft W. of tablet; on N. end of W. corner abutment of concrete bridge crossing L. & N. RR.; chiseled square	742.21
"Q 36 1935" (NGS)	723.493
Cynthiana, in top of N. end of first step that leads from pavement to entrance to post office; standard tablet stamped "TT STA NO 20 M 1928" (Tied by NGS, 1935)	723.001
Cynthiana, 0.4 mi W. of, along State Highway 36; in N. end of NW. concrete abutment of bridge crossing South Licking River; standard tablet stamped "17 CMN 1952 717"	716.966
Reference mark, 320 ft E. of tablet; on S. end of SE. abutment of bridge crossing South Licking River; chiseled square	716.92

LINE 2.Feet

By C. M. Nichols, 1952; Book AV 328

Robinson, 390 ft N. of post office; at overhead crossing in SE. corner of schoolyard; 45 ft W. of W. rail of southbound track of L. & N. RR.; in concrete post; standard tablet stamped "TT STA NO 28 M 1928"

669.421

Robinson, 1.9 mi W. of, along Robinson-Renaker rd.; on N. side of concrete bridge; chiseled square

673.67

Robinson, 1.9 mi W. of; 3.4 mi N. of Breckinridge; along Lafferty Pike; 111 ft S. of; and about level with crossroads; in S. end of E. abutment of concrete bridge crossing Little Twin Creek; standard tablet stamped "18 CMN 1952 705"

704.804

Reference mark; on N. end of E. abutment of concrete bridge crossing Little Twin Creek; chiseled square

704.74

Robinson, 3.4 mi SW. of, Breckinridge, 1.9 mi N. of; at inlet end of reinforced concrete box culvert on parapet wall; 651 ft N. of Dutch Chapel Road; 32 ft W. of centerline of Lafferty Pike; standard tablet stamped "19 CMN 1952 RESET 1959"

748.320

Reference mark; in Dutch Chapel yard; on E. side in root of oak tree; copper nail and washer

808.800

U.E., Breckenridge, 0.7 mi N. of, along Dutch Chapel Road; on N. end of W. concrete bridge abutment; chiseled square

705.32

Breckinridge, in front of Unity Christian Church; 61 ft SE. of main entrance of church; 27 ft N. of centerline of State Highway 36; 3 ft SE. of 15-in. silver-maple tree; in concrete post; standard tablet stamped "20 CMN 1952 809"

808.671

Reference mark, 90 ft W. of tablet; on E. end of N. concrete culvert headwall; chiseled square

807.53

U.E., Breckenridge, 1.5 mi S. of, along paved rd. from State Highway 36 to State Highway 356; on S. end of W. concrete bridge abutment; chiseled square

749.85

Breckinridge, 2.1 mi S. of, along paved rd. to State Highway 356; on property of Omer Humphrey; 110 ft E. of NE. corner of residence; 19 ft W. of paved rd.; 24 ft S. of drive W.; 4 ft NW. of 12-in. locust tree; in concrete post; standard tablet stamped "21 CMN 1952 838"

837.833

Reference mark; 34 ft NE. of tablet; in centerline of paved rd. at drive W.; RR. spike

837.76

LINE 2 (Cont'd.)Feet

U.E., Breckinridge, 3.0 mi S. of; 150 ft SE. along graveled rd. from State Highway 356; on NW. end of NE. concrete culvert head- wall; chiseled square	887.91
Breckinridge, 4.0 mi S. of, 5.3 mi N. of Broadwell; along graveled rd.; 14 ft E. of; and about 1 ft lower than centerline of graveled rd.; in S. end of E. concrete culvert headwall over small creek; standard tablet stamped "22 CMN 1952 785"	784.786
Reference mark; on N. end of W. concrete culvert headwall; chiseled square	784.82
U.E., Breckinridge, 5.0 mi S. of, along graveled rd.; on middle of SE. concrete culvert headwall; chiseled square	750.18
Breckinridge, 5.2 mi S. of; 4.1 mi N. of Broadwell; along Connorsville Pike; 150 ft E. of; and 3 ft higher than T-rd. junction; in E. end of N. abutment of concrete bridge crossing Mill Creek; standard tablet stamped "23 CMN 1952 752" see next at end of quad	752.560 752.168
Reference mark; on N. end of W. abutment of concrete bridge crossing Mill Creek; chiseled square	752.21
Breckinridge, 6.9 mi S. of; 2.4 mi N. of Broadwell; along paved rd.; on property of Addison Thomson; at drive E. to residence; 37 ft N. of; and 3 ft higher than intersection of drives; 25 ft E. of paved rd.; 4 ft E. of fence corner; in concrete post; standard tablet stamped "24 CMN 1952 895"	894.473
Reference mark; in root on N. side of 14-in. hackberry tree; copper nail and washer	893.89
U.E., Breckinridge, 8.1 mi S. of; on N. end of W. abutment of iron bridge crossing Grays Run Creek; chiseled square	792.06
Breckinridge, 9.3 mi S. of; 5.3 mi SW. of Cynthiana; at Broadwell; at intersection of U. S. Highways 62 and 27 S.; 340 ft SW. of; and 5 ft higher than intersection; 22 ft E. of Highway 62; 35 ft W. of new Highway 27; 5 ft SW. of 24-in. elm tree; in concrete post; standard tablet stamped "25 CMN 1952 907"	907.162
Reference mark; 90 ft NE. of tablet; SW. of intersection; on S. end of W. concrete culvert headwall; chiseled square	905.50
U.E., Broadwell, 1.7 mi S. of, along U.S. Highway 27; about 7 ft lower than rd.; on N. end of E. concrete culvert headwall; chiseled square	868.17

LINE 2 (Cont'd.)Feet

Cynthiana, 7.9 mi SW. of; 2.4 mi S. of Broadwell; along U. S. Highway 27; in S. end of E. abutment of concrete bridge crossing Silas Creek; standard tablet stamped "26 CMN 1952 832"	832.057
Reference mark, 90 ft NW. of tablet; on N. end of W. abutment of concrete bridge crossing Silas Creek; chiseled square	830.97
U.E., Broadwell, 2.9 mi S. of; along Russell Cave rd.; in front of Genet Stone Company; on N. end of E. concrete culvert headwall; chiseled square	834.49
Cynthiana, 9.3 mi SW. of; 3.8 mi S. of Broadwell; 4.1 mi N. of Centerville; along Russell Cave rd.; at S. main entrance of Jacksonville Center; 22 ft SE. of; and 1.5 ft higher than intersection; 11 ft S. of rd. entering cemetery; 20 ft E. of centerline of hwy.; 2 ft SE. of stone wall; in concrete post; standard tablet stamped "27 CMN 1952 905"	904.302

Reference mark; 110 ft S. of tablet; about 18 ft E. of paved rd.; in stamp in yard of W. L. Case; copper nail and washer

901.47

U.E., Broadwell, 5.2 mi S. of, along Russell Cave rd.; on N. end of E. abutment of concrete bridge crossing Townsend Creek; chiseled square

839.22

[Jogs into Lexington quadrangle]

U.E., Leesburg, 3.0 mi S. of; thence 0.2 mi E. along Paris Pike; at drive N.; on W. concrete culvert headwall on N. side of rd.; chiseled square

916.57

Leesburg, 3.0 mi S. of; 1.8 mi N. of Georgetown Pike; on Hill Pike; 21 ft N. and 18 ft W. of intersection; in SE. corner of pasture; 9 ft NW. of corner fence post; in concrete post; standard tablet stamped "TT STA NO 15 T 1927 927"

926.464

U.E., Leesburg, 2.0 mi S. of, along paved rd.; on W. side of concrete bridge; chiseled square

871.92

Leesburg, 1.5 mi S. of; 4.5 mi N. of Newtown; 45 ft N. and 15 ft E. of private rd. N.; in S. corner of triangular field; in concrete post; standard tablet stamped "TT STA NO 16 T 1927"

890.774

LINE 3.

By C. M. Nichols, 1952; Book AV 328

Hinton, 1.3 mi S. of RR. station, thence 2.0 mi E. along State Highway 356; 12 ft NNE. of centerline of Highway 356; 270 ft NW. of junction of T-rd. NE.; in NW. abutment of concrete bridge; standard tablet stamped "TT 38 JRH 1952 783"

783.377

LINE 3 (Cont'd.)Feet

Reference mark, on SE. abutment of concrete bridge; chiseled square	783.69
U.E., Alberta, 3.1 mi NNW. of, along graveled rd.; on E. side of rd.; on W. end of stone steps leading to residence of L. T. Dryden; chiseled square	935.87
Hinton, 1.2 mi S. of RR. station; thence 3.0 mi E. along State Highway 356; thence 1.1 mi S.; 2.3 mi NNW. of Alberta; 0.2 mi NE. of residence of M. Eads; 23 ft S. of junction of rd. and drive; 36 ft NE. of fence corner; 16 ft SE. of rd.; 7 ft NW. of 8-in. oak tree; 3 ft SE. of fence; in concrete post; standard tablet stamped "TT 39 JRH 1952 939"	939.171
Reference mark, 110 ft NE. of tablet; 20 ft SE. of centerline of rd.; in NW. side of 18-in. oak tree; copper nail and washer	928.49
U.E., Alberta, 2.0 mi NW. of, along graveled rd.; on E. side of rd.; on W. end of stone steps leading to residence of M. Eads; chiseled square	927.05
Alberta, 0.6 mi NW. of Boyer Church; 2.6 mi W.; thence 2.2 mi N. of Davis; 83 ft WNW. of junction of Y-rd.; 21 ft SW. of centerline of rd. NW.-SE.; 34 ft NE. of centerline of rd. E.-W.; in NW. angle of junction of Y-rd.; in concrete post; standard tablet stamped "TT 40 JRH 1952 975"	975.119
Reference mark, 220 ft E. of tablet; in root on W. side of walnut tree; copper nail and washer	982.09
U.E., Alberta, 0.6 mi NW. of, thence 0.4 mi SW.; along Boyers Chapel Road to Sadieville; on E. end of concrete culvert; chiseled square	866.33
<u>Jogs into Sadieville quadrangle</u>	
U.E., Davis, 1.2 mi NW. of, along paved rd. from Sadieville; on E. end of S. stone headwall of steel culvert; chiseled square	839.12
Davis, 1 ft from SW. corner of Beards Presbyterian Church; 89 ft E. of junction of T-rd.; 41 ft from centerline of rd.; in concrete post; standard tablet stamped "TT 42 JRH 1952 887"	886.473
Reference mark, 140 ft SW. of tablet; at Davis School; on N. side of rd.; 50 ft W. of rd. forks S.; on concrete steps; letter "O" in NOV.	881.05
U.E., Davis, 1.7 mi SW. of, along graveled rd. to Oxford; on W. end of S. stone abutment of steel bridge crossing Little Eagle Creek; chiseled square	840.52

LINE 3 (Cont'd.)Feet

Davis, 2.6 mi S. of; 0.4 mi E., thence 6.1 mi N. of Oxford; 800 ft N. of junction of Y-rd.; 185 ft S. of junction of T-rd. E.; 16 ft WNW. of centerline of rd.; 3 ft NE. of S. boundary fence of cemetery; about 2 ft above rd. level; in concrete post; standard tablet stamped "TT 43 JRH 1952 985"	984.725
Reference mark; 65 ft NE. of tablet; 10 ft E. of centerline of rd.; in W. side of 20-in. walnut tree; copper nail and washer	983.02
U.E., Davis, 4.4 mi S. of; along graveled rd. to Oxford; on S. stone abutment of wooden bridge crossing small stream; chiseled square	858.78
Oxford, 0.4 mi E. of, thence 3.1 mi N.; 5.6 mi S. of Davis; 0.4 mi E. of Muddy Ford; 35 ft N. and 14 ft E. of junction of Y-rd. N.; 18 ft NW. of centerline of rd. NE.-SW.; 3 ft NNE. of fence corner; in concrete post; standard tablet stamped "TT 44 JRH 1952 880"	880.262
Reference mark; 60 ft SW. of tablet; in N. side of 44-in. oak tree; copper nail and washer	877.26
U.E., Oxford, 0.4 mi E. of, thence 1.9 mi N. along graveled rd.; on NW. corner of concrete bridge crossing Muddy Ford Creek; chiseled square	873.04
Oxford, 0.4 mi E. of, thence 1.5 mi N.; 1.9 mi S. of Muddy Ford; 9 ft S. and 15 ft E. of junction of Y-rd.; 56 ft SE. of small wooden floor bridge; 1 ft W. of fence; in concrete post; standard tablet stamped "TT 45 JRH 1952 927"	926.557
Reference mark, 59 ft N. of tablet; on NE. corner stone abutment of wooden bridge; chiseled square	925.02
U.E., Oxford, 0.4 mi E. of, along U. S. Highway 62; on W. end of N. concrete culvert headwall; chiseled square	890.78
Oxford, 1.2 mi S. of; along Oxford-Newtown Pike; 50 ft SSW. of crossroads; 24 ft WSW. of centerline of rd. N.-S.; 50 ft S. of centerline of rd. E.-W. (Shuff Pike); 23 ft S. of fence corner; 1 ft E. of fence; on bank about 4 ft higher than rd.; in concrete post; standard tablet stamped "TT 46 JRH 1952 883"	883.459
Reference mark, 44 ft NE. of tablet; on E. end of concrete culvert crossing under Oxford-Newtown Pike; chiseled square	876.60

LINE 4.Feet.

By C. M. Nichols, 1952; Book AV 328

Connersville, 3.0 mi W. of; near Harrison-Scott County line; 20 ft S.
and 35 ft E. of rd. forks; 7 ft S. of fence; in concrete post;
standard tablet stamped TT STA NO 23. M 1928"

980.580

Cynthiana, 9.0 mi W. of; 5.5 mi NNW. of Leesburg; on property of
George Eads; in W. edge of cultivated field; 22 ft E. of center of
Middleton Road; 6.6 ft E. of N.-S. wire fenceline; 180 ft S. of rd.
intersection; in concrete post; NGS standard triangulation station
disk stamped "DAVIS 1935"

995.118

LINE 5.

By C. M. Nichols, 1952; Book AV 328

"TT 38 JRH 1952 783" (Described in line 3)

783.377

U.E., Hinton, 4.8 mi E. of, along paved rd. to Renaker; on SW. end
of NW. abutment of small concrete bridge; chiseled square

812.96

Hinton, 5.8 mi E. of RR. station; 2.0 mi SW. of Renaker along paved
rd.; at crossroads (rd. N. abandoned); 75 ft N. of; and 1 ft lower than
intersection; 25 ft E. of abandoned rd.; 50 ft W. of South Fork
Raven Creek; 3 ft NE. of fence corner; in concrete post; standard
tablet stamped "29 CMN 1952 760"

759.919

Reference mark, 75 ft E. of tablet; on NE. end of SE. stone abutment
of steel bridge crossing S. fork of Raven Creek; chiseled square

763.68

U.E., Renaker, 0.5 mi W. of, along paved rd.; on SW. end of SE. abutment
of concrete bridge crossing small stream; chiseled square

737.57

Hinton, 7.8 mi E. of RR. station; 3.5 mi NW. of Breckinridge; at
Renaker School; 55 ft S. of; and 4 ft higher than centerline of
State Highway 36; in E. end of bottom step at main entrance of
school; standard tablet stamped "30 CMN 1952 882"

881.762

Reference mark; 61 ft S. and 50 ft W. of tablet; at Renaker School;
on N. corner of concrete cistern top; chiseled square

881.45

U.E., Breckinridge, 2.7 mi NW. of, along State Highway 36; on E. end
of S. concrete culvert headwall; chiseled square

915.21

Renaker, 2.1 mi SE. of; 1.5 mi NW. of Breckinridge; along State
Highway 36; at residence of Lewis M. Custard; 38 ft E. of junction of
drive NE.; 30 ft SE. of; and 3 ft higher than drive NE.; 25 ft NE. of
hwy.; 4 ft SW. of fence; in concrete post; standard tablet stamped
"31 CMN 1952 895"

895.415

LINE 5 (Cont'd.)

	<u>Feet</u>
Reference mark; on E. end of S. concrete culvert headwall; chiseled square	888.31
U.E., Breckinridge, 1.0 mi NW. of, along State Highway 36; on W. end of N. concrete culvert headwall; chiseled square	860.12
"20 CMN 1952 809" (Described in line 2)	808.671

LINE 6.

By C. M. Nichols, 1952; Book AV 328

"TT 44 JRH 1952 880 " (Described in line 3)	880.262
U.E., Muddy Ford, 1.2 mi NE. of, along paved rd. at private drive N.; 28 ft N. of intersection; in root on W. side of 28-in. walnut tree; copper nail and washer	999.85
Muddy Ford, 1.5 mi NE. of; 8.1 mi W. of Broadwell; 55 ft N. of; and 1 ft higher than junction of T-rd.; 19 ft E. of paved rd. N.; 45 ft NE. of paved rd. W.; 2 ft NW. of corner fence post; in concrete post; standard tablet stamped "32 CMN 1952 1009"	1008.567
Reference mark, 58 ft W. of tablet; 37 ft N. of paved rd. W.; in root of 10-in. ash tree; copper nail and washer	1011.78
U.E., Muddy Ford, 2.2 mi E. of, along graveled rd.; at private rd. N.; on N. side of rd.; in S. side of 22-in. walnut tree; copper nail and washer	1020.31
Muddy Ford, 3.4 mi E. of; 6.2 mi W. of Broadwell; 32 ft NW. of; and 2 ft higher than junction of T-rd. NW.; 21 ft W. of paved rd. N.-S.; 24 ft N. of graveled rd. W.; 3 ft NW. of corner fence post; in concrete post; standard tablet stamped "33 CMN 1952 887"	886.939
Reference mark, 9 ft E. of tablet; 27 ft NW. of junction; on stone headwall; chiseled square	886.89
U.E., Broadwell, 5.5 mi W. of; along paved rd.; on E. end of S. stone abutment of steel bridge crossing Eagle Creek; chiseled square	879.62
Broadwell, 3.7 mi W. of; 5.9 mi E. of Muddy Ford; 0.4 mi S. of Lees Lick; 73 ft W. of junction of T-rd.; 7 ft S. of graveled rd. W.; in E. end of S. side of concrete bridge crossing Mill Creek; standard tablet stamped "34 CMN 1952 815"	814.979
Reference mark, 46 ft NW. of tablet; on W. end of N. side of concrete bridge crossing Mill Creek; chiseled square	814.78

LINE 6 (Cont'd.)Feet

U.E., Broadwell, 3.0 mi W. of, along paved rd.; on W. end of N. abutment of concrete bridge crossing small creek; chiseled square	844.98
Broadwell, 2.0 mi W. of; 7.6 mi E. of Muddy Ford; on property of Kenneth Hehr; 85 ft E. of E. corner of residence of Ernest Smith; 17 ft S. of centerline of paved rd.; 48 ft SE. of; and 3 ft lower than junction of drive SW.; 5 ft SW. of corner fence post; in concrete post; standard tablet stamped "35 CMN 1952 850"	850.420
Reference mark, 63 ft W. of tablet; 28 ft NE. of E. corner of house; 19 ft S. of centerline of paved rd.; in root on SW. side of 14-in. hackberry tree; copper nail and washer	852.85
U.E., Broadwell, 1.4 mi W. of, along paved rd.; on W. end of S. concrete abutment of concrete bridge crossing Grays Run; chiseled square	824.52
"25 CMN 1952 907" (Described in line 2)	907.162

PUBLICATION COPY

R E S E T

4-20-90

Cynthiana Quadrangle
184 Kentucky

Breckinridge, 5.2 mi S. of; 4.1 mi N. of Broadwell; at the intersection of State Highway 32 and Mill Creek Road; 40 ft from centerline of Mill Creek Road, 16.2 ft N. of centerline of bridge; in the N. end of the W. abutment of bridge over Mill Creek; standard tablet stamped "23 CMN 1952" and possibly also stamped "RESET 1980"

RESET ELEVATION 752.560
229.381 m

Reset by Kentucky Department of Transportation
Covington, Kentucky
5-1-80

R E S E T

11-30-95

CYNTHIANA QUADRANGLE
184 - KENTUCKY

PARIS, 5.9 MI EAST AND 5.2 MI NORTH OF; EAST ALONG U.S. 460 TO KY 353; THENCE NORTH TO A CONCRETE BRIDGE OVER SILAS CREEK; SET IN TOP OF EAST WINGWALL OF SOUTH ABUTMENT; STANDARD TABLET STAMPED "26 CMN 1952 RESET 1995"

RESET ELEVATION 831.457 FT
253.429 M

RESET BY KENTUCKY DEPARTMENT OF TRANSPORTATION
FRANKFORT, KENTUCKY
DECEMBER 7, 1995

HORIZONTAL CONTROL

NORTH AMERICAN DATUM OF 1927

38-084-24

CYNTHIANA QUADRANGLE

184 KENTUCKY

#3815-W8415/15

DIAGRAM NJ 16-6

LOUISVILLE

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Bourbon, Harrison, and Scott Counties

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 5/17/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, North Zone

FALMOUTH

(198)

SADIEVILLE
(185)

Cynthiana

CARLISLE
(183)

84°15'

LEXINGTON
(167)

38°15'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

INDEX OF PERMANENT MARKS

MARK (USGS)

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TT STA NO 16 T 1927	3
TT STA NO 16 M 1928	3
TT STA NO 17 M 1928	3
TT STA NO 20 M 1928	3
TT STA NO 21 M 1928	3
TT STA NO 22 M 1928	3
TT STA NO 23 M 1928 981	6
TT STA NO 24 M 1928 782	3
TT STA NO 28 M 1928	4
(TT 9 DWP 1950 DESTROYED 8-88)	4
TT 10 DWP 1950	4
TT 17 DWP 1950	4
23 CMN 1952 752 TT	6
24 CMN 1952 895	6
25 CMN 1952 907	6
26 CMN 1952 832 TT	6
27 CMN 1952 905 TT	6
TT 38 JRH 1952 783	4
TT 39 JRH 1952 939	4
TT 40 JRH 1952 975	5
TT 42 JRH 1952 887	5
TT 43 JRH 1952 985	5
TT 44 JRH 1952 880	5
TT 45 JRH 1952 927	5
TT 46 JRH 1952 883	5
TT 50 JRH 1952	5

184-KENTUCKY
CYNTHIANA QUADRANGLE

38-084-24

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° 1 ' "	° 1 ' "

The following positions are considered OBsolete. To be used only to locate permanent marks in the field.

By C. A. Turner, 1927; Book C7964

Paris, 7.0 mi NW. of; 2.5 mi NE. of Clay Crossroads School; 40 ft W. of crossroads; 40 ft E. of house; in concrete post; standard tablet stamped "TT STA NO 13 T 1927"

X = 1,978,515	Y = 273,886	38 15 07.53	84 19 29.33
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Leesburg, 3.0 mi S. of, along graveled rd.; 1.8 mi N. of Georgetown Pike; 21 ft N. and 18 ft W. of crossroads; (rd. W. abandoned); in SE. corner of pasture; 9 ft NW. of corner fencepost; in concrete post; standard tablet stamped "TT STA NO 15 T 1927 927"

X = 1,952,725	Y = 274,817	38 15 16.41	84 24 52.66
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Leesburg, 1.5 mi S. of; 4.5 mi N. of Newtown; 45 ft N. and 15 ft E. of centerline of rd. at junction of private rd. N.; in S. corner of triangular field; in concrete post; standard tablet stamped "TT STA NO 16 T 1927"

X = 1,950,242	Y = 279,998	38 16 07.58	84 25 23.91
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By S. H. Moyers, 1928; Book C8235

Kisertor; 280 ft NW. of Louisville and Nashville Railroad station; 75 ft W. of W. rail of southbound track; on N. side of right-angle bend in rd.; in line with and 5 ft SE. of corner of fence W.; in concrete post; standard tablet stamped "TT STA NO 16 M 1928" (Reported destroyed, 1952)

X = 1,991,876	Y = 284,616	38 16 53.68	84 16 41.88
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Shawhan; 77 ft W. of L. & N. RR. station; 26 ft W. of W. rail of southbound track; 5 ft E. of corner of fenceline W.; in concrete post; standard tablet stamped "TT STA NO 17 M 1928"

X = 1,993,306	Y = 291,882	38 18 05.52	84 16 23.97
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Cynthiana; at entrance to post office; in top of N. end of first step; standard tablet stamped "TT STA NO 20 M 1928"

X = 1,986,832	Y = 324,126	38 23 24.25	84 17 45.39
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Cynthiana, 3.2 mi SW. of, along Cynthiana-Connersville hwy.; 0.3 mi W. of bridge over Grays Run; 5 ft N. and 40 ft W. of crossroads; 2 ft N. of fence; in concrete post; standard tablet stamped "TT STA NO 21 M 1928"

X = 1,972,990	Y = 319,158	38 22 35.03	84 20 39.17
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Connersville; on S. side of entrance to high school; in E. end of concrete coping; standard tablet stamped "TT STA NO 22 M 1928"

X = 1,953,150	Y = 320,107	38 22 44.14	84 24 48.34
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Cynthiana, 3.5 mi NE. of, along State Highway 19; 7 ft S. and 40 ft W. of centerline of hwy. at junction of private rd. W. to farm of W. R. Cooper; 5 ft S. of corner fencepost; in concrete post; standard tablet stamped "TT STA NO 24 M 1928 782" (Not found, 1950)

X = 1,997,864	Y = 334,074	38 25 02.62	84 15 26.83
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET.	° 1' "	° 1' "
<u>OBSOLETE MARKS (Cont'd.)</u>			

By S. H. Moyers, 1928; Book C8236

Robinson; 390 ft N. of post office; at overhead crossing; in SE. corner of schoolyard; 45 ft W. of W. rail of southbound track of L. & N. RR.; in concrete post; standard tablet stamped "TT STA NO 28 M 1928"

X = 1,971,511	Y = 361,406	38 29 32.66	84 20 58.32
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By D. W. Pinkston, 1950; Book AH 200

Cynthiana, 1.4 mi E. of, along State Highway 32-36; at Sunny Acres Farm; at W. gate entrance of semicircular drive to residence; 20 ft N. and 21 ft W. of centerline of hwy. at junction of drive; 3 ft W. of W. end of stone gateway; 2 ft S. of fence; in concrete post; standard tablet stamped "TT 17 DWP 1950"

X = 1,994,888	Y = 320,613	38 22 49.55	84 16 04.20
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Cynthiana, 2.4 mi NE. of, along U.S. Highway 62; 3.6 mi SW. of Oddville; 6 ft S. and 35 ft E. of centerline of hwy. at junction of private drive to residence of Homer McCauley; 7 ft W. of 15-in. cedar tree; 2 ft N. of corner of lawn fence; in concrete post; standard tablet stamped "TT 9 DWP 1950" ~~Permit to Destroyed~~
~~Given 8-22-58~~
Philip Losch, Cynthiana, Ky

X = 1,994,963	Y = 331,704	38 24 39.19	84 16 03.31
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Oddville, 1.8 mi NW. of; at Mt. Pleasant Church; 53 ft SE. of SE. corner of church; 4 ft N. and 34 ft W. of centerline of rd. at junction of S. entrance to cemetery; 13 ft N. of wife fence; 11 ft W. of S. end of rock retaining wall; in rock outcrop; standard tablet stamped "TT 10 DWP 1950"

X = 1,999,428	Y = 355,483	38 28 34.27	84 15 07.19
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By J. R. Harris, 1952; Book AH 300; S. H. Moyers, 1928

Hinton, 1.3 mi S. of, thence 2.0 mi E. along State Highway 356; 270 ft NW. of junction of I-rd. NE.; 12 ft NNE. of centerline of hwy.; in NW. concrete abutment of bridge; standard tablet stamped "TT 38 JRH 1952 783"

X = 1,931,455	Y = 343,349	38 26 33.43	84 29 21.53
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Hinton, 1.3 mi S. of, thence 3.0 mi SE. along State Highway 356, thence 1.1 mi S.; 2.3 mi NW. of Alberta; 0.2 mi NE. of residence of M. Eads; 36 ft NE. of fence corner; 23 ft S. of junction of drive; 16 ft SE. of centerline of hwy.; 7 ft NW. of 8-in. oak tree; 3 ft SE. of fence; in concrete post; standard tablet stamped "TT 39 JRH 1952 939"

X = 1,933,595	Y = 336,262	38 25 23.43	84 28 54.40
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET		
<u>OBsolete MARKS (Cont'd.)</u>			

Alberta, 0.6 mi NW. of Boyer Church; 2.6 mi W., thence 2.2 mi N. of Davis; 83 ft WNW. of junction of Y-rd.; 34 ft NE. of centerline of E.-W. rd.; 21 ft SW. of centerline of rd. NW.-SE.; in concrete post; standard tablet stamped "TT 40 JRH 1952 975"

X = 1,933,439 Y = 329,747 38 24 19.02 84 28 56.17

Davis; at Beards Presbyterian Church; 89 ft E. of junction of I-rd.; 41 ft from centerline of rd.; 1 ft from SW. corner of church; in concrete post; standard tablet stamped "TT 42 JRH 1952 887"

X = 1,936,641 Y = 318,225 38 22 25.19 84 28 15.60

By J. R. Harris, 1952; Book AH 300

Davis, 2.6 mi SW. of; 0.4 mi E., thence 6.1 mi N. of Oxford; 800 ft N. of junction of Y-rd.; 185 ft S. of junction of I-rd. E.; 16 ft WNW. of centerline of rd.; 3 ft NE. of S. boundary fence of cemetery; in concrete post; standard tablet stamped "TT 43 JRH 1952 985"

X = 1,928,627 Y = 308,010 38 20 44.01 84 29 55.88

Oxford, 0.4 mi E. of, along U.S. Highway 62, thence 3.1 mi N.; 5.6 mi S. of Davis; 0.4 mi E. of Muddy Ford; 35 ft N. and 14 ft E. of centerline of rd. at junction of Y-rd. N.; 18 ft NW. of centerline of rd. NE.-SW.; 3 ft NNE. of fence corner; in concrete post; standard tablet stamped "TT 44 JRH 1952 880"

X = 1,929,166 Y = 295,864 38 18 43.95 84 29 48.70

Oxford, 0.4 mi E. of, along U.S. Highway 62, thence 1.4 mi N.; 1.9 mi S. of Muddy Ford; 56 ft SE. of small wooden bridge; 9 ft S. and 15 ft E. of centerline of rd. at junction of Y-rd.; 1 ft W. of fence; in concrete post; standard tablet stamped "TT 45 JRH 1952 927"

X = 1,931,181 Y = 287,354 38 17 19.88 84 29 23.15

Oxford, 1.2 mi S. of; at crossroads; 50 ft S. of centerline of E.-W. rd.; 24 ft WSW. of centerline of N.-S. rd.; 50 ft S. of centerline of rd. E.-W. (Shuff Pike); 23 ft S. of fence corner; 1 ft E. of fence; on bank; in concrete post; standard tablet stamped "TT 46 JRH 1952 883"

X = 1,929,348 Y = 274,444 38 15 12.21 84 29 45.71

By J. R. Harris, 1952; Book AH 300

Connersville, 1.8 mi SW. of; 1.8 mi E. of Davis; 250 ft W. of residence of Amos Bennett; 29 ft SE. of centerline of E.-W. rd. at junction of I-rd. S.; 21 ft WSW. of centerline of rd. S.; 12 ft SE. of fence corner; 1 ft E. of fence; in concrete post; standard tablet stamped "TT 50 JRH 1952"

X = 1,945,027 Y = 315,556 38 21 59.00 84 26 30.22

184 KENTUCKY
CYNTHIANA QUADRANGLE

38-084-24

6

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° 1' "	° 1' "

OBSCURE MARKS (Cont'd.)

Breckinridge, 5.2 mi S. of; 4.1 mi N. of Broadwell; along Connorsville Pike; 150 ft E. of rd.; about 3 ft above level of rd.; in E. end of N. abutment; standard tablet stamped "23 CMN 1952 752 TT"

X = 1,963,163 Y = 318,995 38 22 33.30 84 22 42.58

Breckinridge, 9.3 mi S. of; 5.3 mi SW. of Cynthiana; at Broadwell; at intersection of U.S. Highways 62 and 27 S.; 340 ft SW. of; and 5 ft higher than intersection; 22 ft E. of Highway 62; 35 ft W. of new Highway 27; 5 ft SW. of 24-in. elm tree; in concrete post; standard tablet stamped "25 CMN 1952 907"

X = 1,968,976 Y = 302,281 38 19 48.15 84 21 29.33

Breckinridge, 6.9 mi S. of; 2.4 mi N. of Broadwell; along paved rd.; on property of Addison Thomson; at drive E. to residence; 37 ft N. of, and 3 ft higher than intersection of drives; 25 ft E. of paved rd.; 4 ft E. of fence corner; in concrete post; standard tablet stamped "24 CMN 1952 895"

X = 1,965,552 Y = 311,002 38 21 14.32 84 22 12.45

Cynthiana, 7.9 mi SW. of, 2.4 mi S. of Broadwell; along Russell Cave Road; at concrete bridge over Silas Creek; in S. end of E. abutment; standard tablet stamped "26 CMN 1952 832 TT"

X = 1,967,818 Y = 289,646 38 17 43.23 84 21 43.66

Cynthiana, 9.5 mi SW. of, 3.8 mi S. of Broadwell, along Russell Cave Road; 4.1 mi N. of Centerville; at S. main entrance to Jacksonville Cemetery; 22 ft SE. of, and 1.5 ft higher than intersection; 11 ft S. and 20 ft E. of centerline of hwy. at junction of rd. to cemetery; 2 ft SE. of stone wall; in concrete post; standard tablet stamped "27 CMN 1952 905 TT"

X = 1,966,200 Y = 282,793 38 16 35.46 84 22 03.88

MARK TIED BY NGS

By J. R. Harris, 1952; Book AH 300

Connorsville, 2.9 mi SW. of; 0.7 mi E. of Davis; near Harrison-Scott County line; 20 ft S. and 35 ft E. of centerline of rd. at junction of rd. S.; 13 ft E. of corner of wire fence; 7 ft S. of fence; in concrete post; standard tablet stamped "TT STA NO 23 M 1928 981"

X = 1,939,646.81 Y = 316,781.54 38 22 10.995 84 27 37.816